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September 15, 2000

WRITER'S DIRECT NUMBER:
(202) 371-2674
INTERNET ADDRESS:
mlee@skgf.com

Commissioner for Patents Washington, D.C. 20231

Box Missing Parts
Art Unit 2743

Re: U.S. Non-Provisional Utility Patent Application

Appl. No. 09/550,644; Filed: April 14, 2000

For: Method and System for Down-Converting an Electromagnetic Signal, Transforms for Same, and Aperture Relationships

Inventors: Sorrells *et al.* Our Ref: 1744.0010009

Sir:

In reply to the Notice to File Missing Parts of Application--Filing Date Granted, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

- 1. Petition for Extension of Time under 37 C.F.R. § 1.136 (in duplicate);
- 2. PTO Fee Transmittal Form PTO/SB/17 (in duplicate);
- 3. Copy of the Notice to File Missing Parts;
- 4. Preliminary Amendment;
- 5. Original, executed Combined Declaration and Power of Attorney;
- 6. Original, executed Power of Attorney from Assignee;

Commissioner for Patents September 15, 2000 Page 2





- 7. Original, executed Certificate under 37 C.F.R. § 3.73(b) with a copy of the Assignment attached;
- 8. Request for Corrected Official Filing Receipt;

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- 9. Redlined copy of Filing Receipt in support of Request;
- 10. Return postcard; and
- 11. Our Check No. 28762 for \$ 2,161.00 to cover:
  - \$ 690.00 Filing Fee for Patent Application (37 C.F.R. § 1.16),
  - \$ 972.00 Fee for excess total claims (37 C.F.R. § 1.16),
  - \$ 234.00 Fee for excess independent claims (37 C.F.R. § 1.16),
  - \$ 130.00 Surcharge for late filing of Declaration (37 C.F.R. § 1.16),
  - \$ 110.00 For extension of time fees (37 C.F.R. § 1.136), and
  - \$ 25.00 For duplicate filing receipt fee (37 C.F.R. § 1.19(h).

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

PERNE, KESSIER, GOLDSTEIN & FOX P.L.L.C.

Michael Q Lee

Attorney for Applicants Registration No. 35,239

MQL/VLB/sjc
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# FORMALITIES LETTER





## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENT AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09/550,644

04/14/2000 **O** 

David F. Sorrells

1744.0010009

Sterne Kessler Goldstein & Fox PLLC Attorneys at Law Suite 600 1100 New York Avenue NW Washington, DC 20005-3934



Date Mailed: 06/26/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

#### FILED UNDER 37 CFR 1.53(b)

#### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
   Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1206.
  - \$972 for 54 total claims over 20.
  - \$234 for 3 independent claims over 3.
- The oath or declaration is missing.
   A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2026.

### A copy of this notice MUST be returned with the reply.

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

00000035 09550644 690.00 OP 234.00 OP 972.00 OP 130.00 OP

09/18/2000 HNDUR1 00 FC:101 03 FC:103 04 FC:105 05 FC:576 FC:115 FC:115 In re application of:

Sorrells et al.

Appl. No. 09/550,644

Filed: April 14, 2000

For: Method and System for Down-

Converting an Electromagnetic Signal, Transforms for Same, and

**Aperture Relationships** 

Art Unit: 2743

Examiner: (to be assigned)

Atty. Docket: 1744.0010009

#### **Request for Corrected Official Filing Receipt**

Commissioner for Patents Washington, D.C. 20231

Attn: Office of Initial Patent Examination's Customer Service Center

Sir:

Applicants hereby request that a corrected Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following corrections to the Official Filing Receipt are requested:

#### In the Continuing Data Section

Please delete the information in this section and replace it with the following:

--This application is a CIP of 09/521,879, 03/09/2000 and a CIP of 09/293,342, 04/16/1999, which is a CIP of 09/176,022 10/21/1998 Pat 6,061,551.--

In support of the above request, a photocopy of the instant Official Filing Receipt is enclosed with the corrections noted in red. It is requested that a corrected Official Filing Receipt be issued, and sent to the undersigned at the earliest possible time.

The fee for correcting the filing receipt due to Applicant error is enclosed in our check no. 28762. 37 C.F.R. § 1.19(h). The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

FERNE KASSIER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee

Attorney for Applicants Registration No. 35,239

Date: 4/15/

1100 New York Avenue, #600 Washington, D.C. 20005-3934 (202) 371-2600

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#### **FILING RECEIPT**

\*OC00000005202935\*



ASSISTANT SECRETARY AND COMMISSIONER OF PATENT AND TRADEMARKS Washington, D.C. 20231

ſ	APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS	
-	09/550,644	04/14/2000	2743	0	1744.0010009	340	74	6	

Sterne Kessler Goldstein & Fox PLLC Attorneys at Law Suite 600 1100 New York Avenue NW Washington, DC 20005-3934

Date Mailed: 06/26/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

#### Applicant(s)

David F. Sorrells, Residence Not Provided; Michael J. Bultman, Residence Not Provided; Robert W. Cook, Residence Not.Provided; Richard C. Looke, Residence Not Provided; Charley D. Moses, Jr., Residence Not Provided; Gregory S. Rawlins, Residence Not Provided; Michael W. Rawlins, Residence Not Provided;



THIS APPLICATION IS A CIP OF 09/293,342-04/16/1999
WHICH IS A CIP OF 09/176,022-10/21/1998 PAT 6,061,551

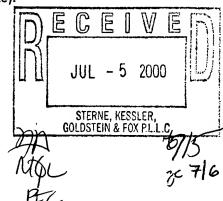
Foreign Applications -- This application is a CIP of 09 | 521,879, 03 | 09 | 2000 and a CIP of 09 | 293,342, 04 | 16 | 1999, which is a CIP of 09 | 176,022, 10 | 21 | 1998 Pat 6,061,551

If Required, Foreign Filing License Granted 06/22/2000

Title

Method and system for down-converting an electromagnetic signal, and transforms for same, and aperture relationships

**Preliminary Class** 



d for use through 09/30/2000. OMB 0651-0032 Patent and Tr ark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it crisplays a valid OMB control number.

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## FEE TRANSMITTAL

Patent fees are subject to annual revision.

Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PT 658/09-12.

**TOTAL AMOUNT OF PAYMENT** 

for FY 2000 See 37 C.F.R. §§ 1.27 and 1.28. **RADEMARK** (\$) 2,161.00

Complete if Known					
Application Number	09/550,644				
Filing Date	April 14, 2000				
First Named Inventor	David F. Sorrells				
Examiner Name	(to be assigned)				
Group / Art Unit	2743				
Attorney Docket Number	1744.0010009				

METHOD OF PAYMENT (check one) FEE CALCULATION (continued) □ The Commissioner is hereby authorized to charge ADDITIONAL FEES indicated fees and credit any overpayment to: Deposit Account Number 19-0036 Entity Large Small Entity Fee Deposit Account Name Fee Fee Sterne, Kessler, Goldstein & Fox P.L.L.C. Code (\$) (\$) Code Fee Description 30.00 105 130 205 65 Surcharge - late filing fee or oath ☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Surcharge - late provisional filing fee or cover sheet 127 50 227 25 139 130 139 130 Non-English specification Payment Enclosed: Check Money Order Other 147 2,520 147 2,520 For filing a request for reexamination Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below Requesting publication of SIR prior to Examiner action 9201 to Deposit Account No. 19-0036. 112 112 920\* 1.840\* 1.840\* Requesting publication of SIR after Examiner action 113 113 FEE CALCULATION 110.00 215 115 110 55 Extension for reply within first month . BASIC FILING FEE 380 216 Extension for reply within second month 116 190 Entity Small Entity 870 217 Extension for reply within third month 117 435 Fee Description Fee Paid Fee Fee 1,360 218 Extension for reply within fourth month 118 680 Code (\$) Code (\$) 128 1,850 228 925 Extension for reply within fifth month 690 345 101 201 Utility filing fee \$690.00 119 300 219 150 Notice of Appeal 106 310 206 155 Design filing fee 300 220 120 150 Filing a brief in support of an appeal 107 480 207 240 Plant filing fee 121 260 221 Request for oral hearing 130 108 690 208 334 Reissue filing fee 138 1,510 138 1,510 Petition to institute a public use proceeding 150 214 75 Provisional filing fee 140 110 240 55 Petition to revive - unavoidable 1,210 141 241 605 SUBTOTAL (1) (\$) 690.00 Petition to revive - unintentional 1.210 242 142 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee EXTRA CLAIM FEES Fee from Extra Fee Paid below 130 Petitions to the Commissioner 122 130 122 Total Claims 74 \$972.00 - 20\*\* = \$18 Indep. Claims 6 - 3\*\* = \$78 \$234.00 123 50 123 50 Petitions related to provisional applications Multiple Dependent 126 240 126 240 Submission of Information Disclosure Stmt \* or number previously paid, if greater; For Reissues, see below Entity Small Entity 581 40 581 .arge 40 Recording each patent assignment per property Fee Fee Fee Fee Fee Description (times number of properties) Code (\$) Code (\$) 146 690 246 Filing a submission after final rejection (37 CFR 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 149 690 249 For each additional invention to be examined (37 104 260 204 130 Multiple dependent claim CFR 1.129(b)) 108 \*\*Reissue independent claims over 78 209 39 Other fee (specify): Duplicate Filing Receipt Fee (37 CFR 1.19(h)) \$25.00 original patent Other fee (specify): 110 18 210 \*\*Reissue claims in excess of 20 and over original patent Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$) 1,206.00 SUBTOTAL (3) (\$) 265.00

SUBMITTED BY			Complete (if applicable)	
Typed or Printed Name	Michael Q/Lee	1 (.	Reg. Number	35,239
Signature	AN A	Date 9/15/0	Deposit Acct. User ID	

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.